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D/OC

13 April 1987

MEMORANDUM FOR: Information Systems Board

FROM:

Special Assistant to the Executive Director

SUBJECT: ISB Meeting Minutes - 30 March 1987

1. Mr. Ed Maloney, D/OIT, reviewed his office's accomplishments since the last year's briefing, and plans for the future. His presentation addressed issues related to management, technology, and the operation of the services. Copies of his briefing charts are attached.

2. During the discussion, D/Compt. expressed concern that enhancements for wideband communications were especially vulnerable to cuts in the upcoming budget process. It was agreed that the members would review their requirements for wideband communications and submit strengthened justifications. The requirements should deal specifically with wideband communication within the metropolitan area, but may also address wideband communications with the field and within Headquarters. Please forward these requirements to the Comptroller by 1 June.

3. Meetings of the Information Systems Board have been scheduled for the remainder of the year.

<u>Date</u>	<u>Topic</u>
16 April	Directorate-level Information System Plans
8 May	Information System Standards and Architecture
29 May	Investment Strategy Study Results
16 June	Office of Communications Directions
9 July	
30 July	
18 August	
15 September	
8 October	
22 October	
12 November	
3 December	

All meetings will take place from 14:00 until 15:30 in room 7D64 Headquarters. Time has been reserved on your calendar.

/signed/

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25X1 SUBJECT: ISB Meeting Minutes - 30 March 1987

Attachment - as stated

25X1 DCI/EXDIR

Distribution:

- 1 - each ISB member
- 1 - ISB File

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*Update 1987
OIT Briefing to the ISB*

The Agency's Information Network: OIT's Perspectives, Objectives and Plans

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Agenda

- **Background**
 - **86 Plan**
- **OIT Strategic Plan**
 - **Leadership**
 - **Management**
 - **Service**
 - **Technology**
- **86 Review**
 - **Management**
 - **Service**
 - **Technology**
- **New Starts**
 - **Systems**
 - **Prototypes**
- **Summary**

Summary

- **1985 was the Year of Decisions**
- **1986 was the Year of Beginning to Make it Happen**
- **Scope of the Job - Large and Still Emerging**

Some Highlights of March 86 Briefing

- **Improved Service, the Top Priority**
- **Integrated Network, Corporately Managed**
- **Stay in the Commercial Mainstream**
- **Improved Information Compartmentation and Protection**
- **Will Develop Architecture for Local Processing Environments**
- **Remote Building Data Service Equivalent to Hqs**
- **AIM will be Enhanced and Remain Agency E-Mail System, Short Term**
- **Stand Alone WP Systems will be Phased Out**

OIT Strategic Thrusts

LEADERSHIP

- **Overall Strategy**

MANAGEMENT THRUSTS

- **Integration of Communication and DP Management**
- **Resources Management**
- **Information Management**
- **Career Management**
- **Training**

SERVICES THRUSTS

- **Service and Performance**
- **Contingency Support**

TECHNOLOGY THRUSTS

- **Systems Integration**
- **Softcopy Work Environment**
- **Improved Systems Development**
- **Decision Support**

Leadership Thrusts

- **Formulate Policy**
- **Develop Network Architecture**
- **Define Standards**
- **Manage Diversity**

Management Thrusts

INTEGRATION OF DP AND COMMUNICATIONS MANAGEMENT

- **Definition of the Future Network Architecture**
- **Configuration Management of the Network**
- **Single Management Group**

RESOURCES MANAGEMENT

- **Sharing of Management Responsibilities**
- **Improved Monitoring**
- **Priorities for Processing Demands**
- **Chargeback**

INFORMATION MANAGEMENT

- **Information Policy**
- **Corporate Data**

Service Thrusts

SERVICE AND PERFORMANCE

- **Improved System Monitoring, Data Collection and Reporting**
- **Network Management Facilities**
- **Service Standards, Including Performance**
- **Performance Monitoring System**
- **Headquarters CPU Upgrades, Including Cray**
- **Outbuilding Service Upgrade**

FIELD COMMUNICATIONS SUPPORT

- **Communications Support for VIP's**
- **Crisis Communications Center**
- **Flyaway Capabilities**
- **Domestic Nodal Network**

Technology Thrusts - I

SYSTEMS INTEGRATION

- **Connectivity - INTECOM PBX in Hqs**
- **System Interface Standards**
- **X.25 and SNA**
- **Switch System Recapitalization - SPARS and MHF Replacing ACT-0, MAX and CDS**
- **WANG Alliance Interface to Central Environment**
- **Corporate Data Base Program - Single Environment for Administrative Files/Data Bases**
- **Single System Image for Central DP Environment**
- **New 3270 Communications Facilities**
- **FBIS Interface to MHF via AIM Standard Interface**
- **Exit Transitions**

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Technology Thrusts - II

SOFTCOPY WORK ENVIRONMENT

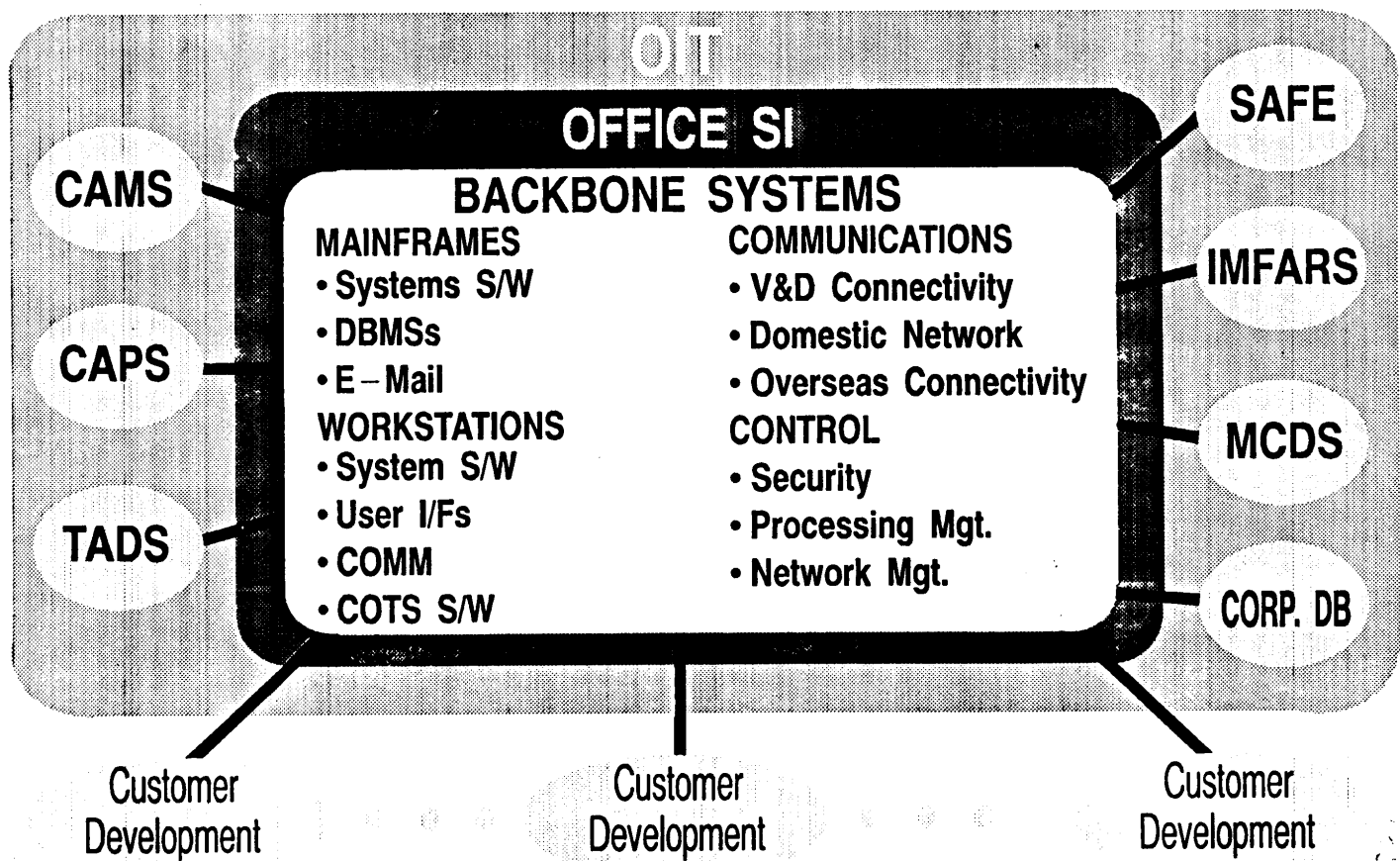
- **SAFE and ALLSTAR Upgrade**
- **Central Systems Capacity - Unlimited Connectivity**
- **Commercial PC Software**
- **Electrical Continuity from Remote Workstations to Hqs**
- **Electronic Cable Origination, Review, Release, and Transmission**
- **Generic Workstation**
- **Common User Interfaces - e.g. SQL and Windows**
- **Distributed Processing and DB's in Local Environments**

Technology Thrusts - III

IMPROVED SYSTEMS DEVELOPMENT

- **Emphasis on Backbone--Based Developments**
- **Requirements Management**
- **Office-Level Systems Integrator (SI)**
- **Improved Visibility of Maintenance Investments**
- **Distribution of Some Applications Development and Maintenance**
- **Greater Exploitation of Commercial Software**
- **Design/Implementation Automation via "Fourth Generation Languages" and AI**
- **Involvement with Carnegie Mellon**

Improved Development Environment



We Plan to Rely on Commercial Technology to Deliver:

- All Hardware
- Standard, Graphics-Oriented, PC User Interface
- Higher-Level Interface Protocols
- Applications Packages
- Network Management and Control System Elements
- LAN Facilities
- Workstation Multitasking/Multiprocessing Operating System
- Central System DBMSs
- Distributed DBMSs Management System for Central Environment
- AI Inference Engines

IMPLICATIONS

- If its not available yet, we may wait for it.
- Should requirements be compromised to the commercial capabilities?

Technology Thrusts - IV

DECISION SUPPORT

- **General Provision of High-End Workstations**
- **Application of AI**
 - **Case Officer Support**
 - **Requirements Tasking**
 - **Personnel Management**
 - **Network Management**
- **Application of Highly Parallel Processing Machines**
 - **Cray**
- **Advanced, On-Line Storage**
 - **Incremental Advances**
 - **Optical Disks**

86 Review - Decisions

- **Move to VS Architecture for WANG Constituency**
- **Test Distribution of Software Maintenance and Partial Applications Development to Customer Offices**
- **High Bandwidth is Primary Future Network Need**

86 Review - Standards

ADOPTED

- **Document Interchange Format Std. - (DCA)**
- **Electronic Mail Interchange Std. - (DIA/SNADS)**
- **3270 DFT Terminal Protocol Std.**
- **Data Base Management System Data Language Std. - (SQL)**
- **Network Architecture SOD - (SNA)**
- **Terminal and Workstation SOD - (3270)**

IN - PROCESS

- **Levels of Service Std.**
- **Access to Functional Services SOD**
- **Local Area Networks Std.**
- **Graphics Interchange SOD**
- **Waivers Procedure**

NEXT

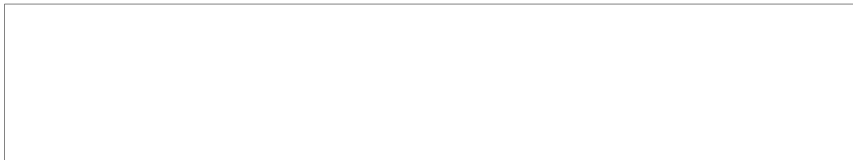
- **Network Security (Providers and Customers)**
- **Communications Interfaces Stds.**

86 Review - Management

- **Initiated Integration of Hqs Networking and DP**
- **Merger of Parts of OIS with OIT**
- **PC-Based Support to Handicapped**
- **Acquisition of an Office-Level SI**
- **Coordinated Joint Networking Efforts with OC**
 - **Global Network Architecture Definition**
 - **Network Management System**
 - **Resources Allocation Model**

86 Review – Services

- **24 Hour Service Desk**
- **Customer Standards Committee**
- **Improved Hqs Message Transit Times**
- **VAX and PC-Based Performance Monitoring**



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86 Review - Technology

BACKBONE SYSTEMS

- **MHF + CDS Provides Major Capacity Increase**
- **SPARS + MHF = Major Message Transit Time Improvement**
- **PBX**
- **Fiberoptic Link**
- **PC Software Center**
-
- **IDMS/R Selected Standard, Commercial DB**
- **Upgrade of Crisis Communications Center**
- **Last KW-7, and KW-26 and M-28 Eqpt. Replaced**

86 Review – Technology

DEVELOPMENT PROJECTS

- **Delivery 2.0/3.0 SAFE Installed at DIAC**
- **CAMS Release 9.0, Incorporating Support for DMA's Rqmts Processing**
- **Installed PASS Hqs Building Access Control System**
- **OC's Inventory Management and Failure Analysis Reporting System (IMFARS)**
- **SAFE Architecture Selected for ALLSTAR Upgrade**
- **PC-Based Domestic Audit Network (CSAD)**
- **Integrated Corporate DB Program Definition**

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Prototypes Under Development

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- Remote Building Communications Service via SNA
 - Domestic Network Switching/Trunk Node
 - Windows Graphics Interface for 3270AT Workstations
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1986 New Starts

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- **Acquisition of Generic Workstation**
 - **FBIS Interface**
 - **ALLSTAR Upgrade (SAFE Derivative)**
 - **SNA**

Summary

- **Set the Framework**
- **Moving Out Smartly**
- **Full Scope of the Job Becoming Clear**
- **Customers' Worlds Soon to See Rapid Changes**